

FOLIO

'Canada, the World and the Future Conference' to Give Weighty Issues Its Best Shot

The University has flags for all purposes. Should pennants signalling the holding of special events ever be introduced, the annual "Canada, the World and the Future Conference" would surely rate a snappy one. Two years on, the conference has proved itself to be topical, enlightening and provocative. It has not skirted controversy nor, says Baha Abu-Laban, Associate Vice-President (Research), will it do so this year. The prevailing climate is one of thought and inquisitiveness, one in which current issues can be discussed and debated in detail. It is not a research or professional conference but rather a forum in which the speakers and the audience try to bring a greater understanding to bear upon the various issues, Dr. Abu-Laban told *Folio*.

The 1985 edition, to take place 11 to 15 March, allows for many kicks at a number of cats. The conference is open free of charge to University staff and students and to the general public; no registration is required.

With one or two sessions under one theme per day as opposed to an entire conference running on a single theme, "Canada, the World and the Future" can appeal to several different audiences. Audiences have been mixed and have included government employees, City of Edmonton representatives, independent professional people and citizens at large.

Dr. Abu-Laban and the 14-member organizing committee have lined up a program that consists of nine sessions, each about 2 1/2 hours in length, spread over five days, one in the afternoon and one in the evening. Each session will have a chairperson plus three or four panelists who will discuss and debate issues and respond to questions from the floor.

"Canada, the World and the Future," with the participation of a number of national and international people in the know as well as several highly qualified people from the campus and the community seems destined to again contribute handsomely to the intellectual and social life of the University. Questionnaires relating to last year's conference indicated a positive response and it has not been unusual for panelists to stay beyond the session in which they participated to hear other addresses and discussions.

Two changes of note are the addition of a cultural program and the move from Education North to Bernard Snell Hall (second floor, Walter C. Mackenzie Health Sciences Centre).

J. Gordin Kaplan, Vice-President (Research), will open the conference at 1:45 p.m. on Monday, 11 March. President Horowitz will then deliver opening remarks and the first session will get under way at 2 p.m. (all afternoon sessions begin at this time).

"The Crisis in Personal Productivity" will be the theme of the first day. Leslie Bella, Recreation and Leisure Studies, will chair the session which will examine "The Impact of Unemployment and Underemployment." Questions such as: What bearing does new technology have upon unemployment? What about the young, who increasingly face the prospect of reaching adulthood without that most potent symbol of adult status - a job? Does unemployment effect all people equally or are some individuals more vulnerable than others? will be focussed upon.

The evening session (starting time: 7:30) will deal with "Overcoming Unemployment: Policy Options and Strategies." Peter Faid, Executive Direc-



Bernard Snell Hall. Seats won't be so easy to come by 11 to 15 March. (Photo: University Hospitals Photography Department).

tor, Edmonton Social Planning Council, will occupy the chair. This portion of the conference will look at the various strategies which have been suggested as solutions to the problems created by unemployment, including both the creation of new jobs and the sharing of existing ones and the replacement of the work ethic with a leisure ethic. However, the same question arises: How effective are they in preserving an individual's sense of self-worth and personal dignity? This important question will be the basis for discussion.

Tuesday morning will bring "Perspectives on International Relations;" the afternoon will be given over to "International Aid or International Interference." J. Peter Meekison, Vice-President (Academic) will chair the session which will examine how aid

can be offered in an innocuous fashion, so as to achieve sustained development shaped by the society being transformed, rather than by the external aid donor. Apparently, the major problem with international aid programs is that most recipient countries cannot afford the luxury of refusing the aid being offered, even when they are well aware of the "strings" attached to the package. An example of this is the recent announcement by the United States that it will cut off development funds to countries that include abortion services as part of their population/family planning programs.

S.M.M. Qureshi, Political Science and Associate Dean of Arts, will be the chairman of the evening discussion

Continued on page two

on "Canada's Role in Regional Conflict." The purpose of this panel is to discuss and debate issues related to Canada's role as a mediator in regional conflict. Questions to be posed include these: Should Canada arm for active peacekeeping? What specific role can or should Canada play in peacekeeping and in conflict resolution? and Should Canada's peacekeeping always be channelled through the United Nations?

Sessions 5 and 6 centre on "Perspectives of Popular Culture and Entertainment." Alexandra Munn, Professor of Music, will be in the chair for "Popular Music: Cult or Culture?" a panel discussion which will, among other things, look at the performances of popular music and consider the reasons, other than artistic ones, for the persistent beat and extreme loudness at which this music is played. Could the intention be to desensitize or mesmerize rather than to entertain?

A musical performance in Convocation Hall at 8 p.m., 13 March, will give one the opportunity to "The Right to Decide." A selection of various kinds and forms of music will be presented.

"Abortion: Views from all Around" will be the centre of attention Thursday afternoon. Jean Forest, Chancellor Emeritus, will chair a panel consisting of a medical practitioner and

ethicist, a legal expert and several women with strong views on, or personal experiences with, abortion. The panelists will consider that from the moment of conception we are dealing with a living organism, however, the question arises as to whether this is *de facto* a human life or merely a potential for another human being.

At 7:30 p.m. John Dossetor, Medicine, will moderate discussion of "Biomedical Technology: Ethic of a Caring Society." This session will investigate that health care may not

be a universal right but our limited resources have to be directed toward certain programs (and patients) at the expense of other perceived needs. Questions such as: Who gets treatment? The rich? The young? Those who have the greatest responsibilities? will be addressed.

The fifth and final day of the conference will focus on "The Threat of Nuclear War" with J. Gordin Kaplan, Vice-President (Research), occupying the Chair. The escalation of the arms race brings with it a corre-

sponding increase in danger of nuclear war and among the questions to be discussed are: What is the nuclear threat? How can the nuclear threat be contained or reduced? and What practical action can be taken to promote peace and prevent nuclear war?

All sessions will take place in Bernard Snell Hall, with the exception of the musical performance, which will be held in Convocation Hall. Afternoon sessions run from 2 to 4:30 p.m.; evening sessions will be held from 7:30 to 10 p.m. □

Who Caused the Damned Spot, or the Case of the Genuine Leather Wallet

The wallet arrived in a plain brown envelope, marked "To be opened by examiner." The examiner scratched her initials on its back and added a special mark—a secret code for identifying it in court.

Tearing a small piece from one corner, she examined it under the microscope. Next, she touched a red hot copper wire to the fabric. After a second or two she returned the wire to the heat source, and immediately the flame flared emerald green.

"Just as I suspected, my dear Whitten!" exclaimed examiner Good. "A clear case of pvc."

No, this is not a sketch from the files of "Quincy." This is a scenario regularly acted out by Jane Good and Marianne Whitten of the Textile Analysis Service (TAS), Department of Clothing and Textiles.

Funded by Alberta Consumer and Corporate Affairs, TAS acts as an impartial analyst of textiles and fabrics. Most of their work is with damaged textiles, determining what went wrong—and, perhaps how. But on occasion—as with the wallet—they may be asked for an analysis of the textile itself.

The wallet, sent in by Consumer and Corporate Affairs, was stamped "Genuine Leather" but the original customer doubted this was true and felt he had been swindled. And, indeed, the report went back: "The wallet is made of polyvinyl chloride; the base fabric which supports the pvc

layer is woven from yarns composed of polyester and rayon fibres."

The majority of garments are sent to TAS by drycleaners who use the service as an impartial investigator to establish what went wrong. "'We'll send it to the University,' cleaners tell an unhappy customer," says technologist Good. "To the cleaners, we are the University."

Visual analysis—looking at the fabric under a microscope—is a major part of the investigation process, which requires a thorough knowledge of textiles and what they do under certain conditions. Tapered fibre ends, for instance, will indicate chemical damage as opposed to physical (from wear and tear) or heat damage.

The analyst is able to eliminate what is *not* the cause and to suggest possible causes; it is impossible to say *when* or *by whom* the damage was done.

As well as a microscope and a gas burner, TAS uses other more sophisticated equipment: an accelerated laundry tester for colorfastness in washing; a weatherometer that tests colorfastness in simulated sunlight; outside cabinets to test colorfastness in real sunlight; a tergotometer to test detergents for soil removal and soil deposition; and a color difference meter to measure the whiteness of whites after washing.

Testing is undertaken for manufacturers who have no testing facilities of their own. Currently a batch of fab-

ric made in the Orient to specifications is being tested for colorfastness at the request of the Vancouver importer.

There are similar testing facilities at universities in Manitoba and Ontario but according to technologist Good, "we are the only *independent* agency doing this kind of problem testing."

The Textile Analysis Service has been in operation for 15 years. Staffed by Jane Good, textile technologist, with the part-time services of Marianne Whitten, also a textile technologist, the service is available to the general public. There is a flat charge of \$15 for a routine analysis; special testing is \$30 to \$50 an hour; and there is an expert witness fee if one of the technologists is required to testify in a court of law. Laboratories are in 315 Printing Services and it's probably best to call first, 432-3832. □

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The Office of Community Relations
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325
All enquiries and correspondence should be directed to:
Ron Thomas
Editor

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Computing Science Open House

23 February

10 a.m. - 4 p.m.

Second and sixth floors
General Services Bldg.

Graduate Students' Research Symposium to Showcase the (B)right Stuff

Having your socks knocked off in this kind of weather is not recommended but *Folio* has it on good authority that it could happen at the Graduate Students' Research Symposium 4 to 6 March. The Symposium, the first of its kind, will demonstrate the many forms of high quality research that graduate students are engaged in. Forty-two departments will be represented at the Symposium in SUB Theatre.

Ian Campbell, Professor of Geography, and former GSA President Bob Ascah raised the idea for the Symposium in April 1984. Feelers were extended at GSA Council meetings and before long formats and themes were being talked about. Further impetus was supplied by three sponsors: the Office of the Vice-President (Research), the Alma Mater Fund and the Conference Funds Committee. All has gone according to plan with students eager to demonstrate the diversity, depth and implications of their work.

One can hardly disagree with Professor Campbell's view of graduate research as "our investment in the future." Audiences at the Symposium will be hearing from the academic, social and industrial leaders of the future. It should be remembered though that the Symposium is representative of a much larger group, Professor Campbell says.

GSA President Gary Genosko is hopeful that undergraduate students will feel free to attend, and that the Symposium will further the spirit of community among the various departments. "The Symposium is really an experiment. I think people will recognize it as such," he said.

The papers are grouped in three themes, one for each day, as follows:

1. Medical, Health and Biological Sciences.

2. Fine Arts, Humanities and Social Sciences.

3. Engineering, Physical, Environmental and Earth Sciences. Twenty minutes will be allotted for the presentation of each paper and five minutes for each question period.

Departments represented under Theme 1 include Radiology and Diag-

nostic Imaging, Medicine, Biochemistry, Genetics, Pharmacy, Animal Science, and Health Services Administration and Community Medicine.

Among the contributors to Theme 2 are students from Elementary Education, Psychology, Recreation and Leisure Studies, Music, Comparative Literature, Romance Languages, Philosophy and English.

Theme 3 has attracted speakers from four Engineering Departments, Chemistry, Mathematics, Computing Science, Botany, Forest Science, Geology and others.

Here is a sampling of titles. "Maximizing efficiency of cattle production," "Protein composition of sarcoplasmic reticulum following a prolonged exhaustive run," "Major ethical problems faced by nursing administrators," "Early reading experiences: the literary development of kindergarten children viewed from a cultural perspective," "Urban reform and civic boosterism in recreation and parks history," "Feminist science fiction: the last enclave of Utopianism in twentieth-century fiction," "The philosophy of duelling in XVI Century Italy," "The Abbey Theatre: the world's first community theatre," and "Computer simulation of the electric preheat-steam drive bitumen recovery method for the Athabasca Oil Sands."

There will be one oral presentation per department but this stipulation does not apply to the poster sessions in the SUB Theatre lobby. Here visitors can study the visual treatment of such topics as "Costing nursing services by complexity adjusted diagnostic related groups," "School and community interaction," "Leisure involvement and life satisfaction of the unemployed," "A parallel analysis of *In Cold Blood* and *Chronicle of a Death Foretold*," "Moral Dilemmas," "Fast ion-beam spectroscopy," and "Computer Graphics."

F.S. Chia, Dean of Graduate Studies and Research, will open the Symposium on 4 March at 9 a.m. Following remarks by Lionel McLeod, President of the Alberta Heritage Foundation for Medical Research, papers will be delivered throughout the day.

Nadene Thomas, President of the Alberta Teachers' Association, and E.A. Babcock, Vice-President (Natural Resources), Alberta Research Council, will speak at 9 a.m. on the

5th and 6th, respectively.

A buffet dinner courtesy of the GSA will be held in the Power Plant at the close of the Symposium. □

Speaking of the GSA...

The Graduate Students' Association was established in 1970. Its current membership is on the order of 2,700 full-time students and 800 part-time students. Besides Canada, they come from the Far East, a number of African countries, the British Isles, Europe and the United States. Membership fees are \$40 for full-time students and \$29 for part-time students.

The GSA is recognized as an official body by the University administration. Its current President, Gary Genosko, serves on the Planning and Priorities Committee, the Board of Governors Building Committee and the Board itself. The Association negotiates teaching assistantship rates with the University and makes its voice heard at meetings of General Faculties Council, GFC Executive Committee, the Library Committee, the Writing Competency Committee and other committees.

The GSA also participates in the selection process for vice-presidents and deans.

Council meetings are held once a

month (twice in March). A new executive takes office every 1 April; executive members are not paid but do receive a modest honorarium at year's end.

The GSA and the Power Plant are separate financial entities. The latter, according to Mr. Genosko, is ill. Because it "suffers badly in the summertime," the Association plans to ask the University to waive the rent until 2003, the expiry date of the Association's contract with the University. The motion to waive will be made at the Board of Governors meeting 1 March. If the motion is not upheld, the Power Plant may have to close from May to September, Mr. Genosko said.

The Association is admitting all staff to the Power Plant to increase sales which have dropped as much as 20 percent in the last two years. "We are rethinking our pricing structure in an effort to recapture clientele which has turned to other eateries on and around campus," Mr. Genosko said. □

Garrett Hardin to Speak on Protecting Our Environment

How do you put a dollar value on "environment?" What is the public's attitude toward "common property resources?"

These topics, among others, will be addressed at a symposium, "The Economics of Environmental Protection" to be held on 19 and 20 February at our University.

Garrett Hardin, author of *The Tragedy of the Commons*, will be keynote speaker at the symposium sponsored by the Alberta Chapter of the Cana-

dian Society of Environmental Biologists. Other speakers include Bill Yurko, Alberta's first Minister of the Environment; the Hon. Charles Caccia, former Minister of Environment Canada and now Opposition environment critic; members of Alberta universities; and professionals from government and industry.

For information on admission and registration, call Brian Free, 427-5792. □

Computer-Based Instruction: Dale Bent's Overview

Are computers useful to us as university teachers? Are costs in line with their usefulness? And are there goals our University should set in computer-based instruction?

The answer to these questions is firmly "Yes!" Dale Bent, Director of Computing Services, said last week. He was addressing a well-attended seminar sponsored by the Committee

for the Improvement of Teaching and Learning.

Some advantages of computer-based instruction, Dr. Bent pointed out, are that computers can provide immediate feedback to students—the kind of immediate, individual response that a lecturer cannot give when addressing 300 students. Computers can also respond to student differences in

learning rates, and they can assist the instructor in tracking the progress of the student through the curriculum. Best of all, computers can take over the written part of instruction, "freeing the instructor for the important part that only the human being can do: motivating the student, setting an example, discussing future directions."

Computers offer exciting opportunities for research into learning processes and the identification of instructional effectiveness. "The use of computers presents an opportunity for us to begin to understand in a systematic, scientific way what goes on when a student begins to learn," Dr. Bent suggested.

As far as cost is concerned, computers are becoming progressively cheaper, while human labor is becoming relatively more expensive. In the early days, 150 programming hours were needed for one student contact hour. Now, with the Omnisim courseware authoring system, developed by the Department of Anatomy with the assistance of Computing Services, the time has dropped to 20 to 30 programming hours for one student contact hour.

The fundamental cost problem is that our financial system does not allow trade-offs between operating costs and capital costs in department budgets.

Currently, 12 departments use PLATO in 26 different courses. There are 3,200 work stations on campus of which 1,200 are personal computers and 180 are PLATO terminals. (Dr. Bent describes a work station as "a computing device that a person can interact with.")

"We are coming up to a higher growth period," he said, "but nobody knows how many computers will be needed for routine use by students."

The challenge now is to exploit the opportunities, and our University should set some goals in this field, said Dr. Bent.

Every academic unit should have some kind of research and development program in the area of computer instruction, he suggested. "Evidence seems to show there is scarcely a field in which it isn't applicable."

Recommending release time for faculty in which to develop computer-based instruction, Dr. Bent pointed out that the textbooks of tomorrow are going to be integrated with computer-based instruction. "Why not have our faculty members write these books."

We have an enviable reputation in the field of computer-based instruction, Dr. Bent concluded. "Now our University should set a goal to be a world-class leader in this field." □



The Senate

The University of Alberta

Nominations for Public Members

We invite nominations from members of the public and/or associations to fill several vacancies on the University Senate. Volunteer members serve on Task Forces and committees dealing with educational issues. Senate, which is a bridge between the University and the community, meets formally four times a year, for a full day session.

There are no formal qualification requirements but consideration will be given to community service of nominees from central and northern Alberta. Members serve for a three-year term beginning July 1, and applications are invited from people of all walks of life.

The deadline for receipt of nominations in the Senate office is March 1, 1985.

Nomination forms requiring the signature of two nominators are available from:

The Senate
The University of Alberta
150 Athabasca Hall,
Edmonton, Alberta T6G 2E8 Tel: 432-2268

"It is the duty of the Senate to inquire into any matter that might tend to enhance the usefulness of the University."

The Universities Act 1976

Non-Academic Staff Representatives on General Faculties Council

Non-academic staff hold three appointed seats on GFC. One of these positions is reserved for members of the non-academic staff who are **not** members of NASA. Nominations for this vacancy must be submitted to the Assistant Secretary to GFC, Becky Hjartarson, 2-5 University Hall, **by Monday, April 1, 1985**. The successful nominee will serve on GFC from July 1, 1985 - June 30, 1988. Please telephone Becky Hjartarson, local 4733, for additional information.



Emil Skarin Fund

Invitation to apply

Applications are invited to the Emil Skarin Fund Committee of the University Senate for a 1985 project or projects worthy of financial support amounting to approximately \$5,000 from the Fund.

Projects must be of value both to the public as well as to the University of Alberta; be consistent with the general aims and purposes of this University; and not normally funded by it.

Preference will be given to projects with an emphasis on the humanities and the arts, but there are no restrictions on the nature of eligible projects. Project proposals should include objectives, schedule, budget, and procedures for organization and evaluation.

Application forms are available on request, and should be returned, completed, by 1 March 1985.

*The Chairman
Emil Skarin Fund Committee
The University of Alberta
150 Athabasca Hall
Edmonton, Alberta T6G 2E8
Tel. 432-2268*

International Law Moot Court Competition Just Ahead

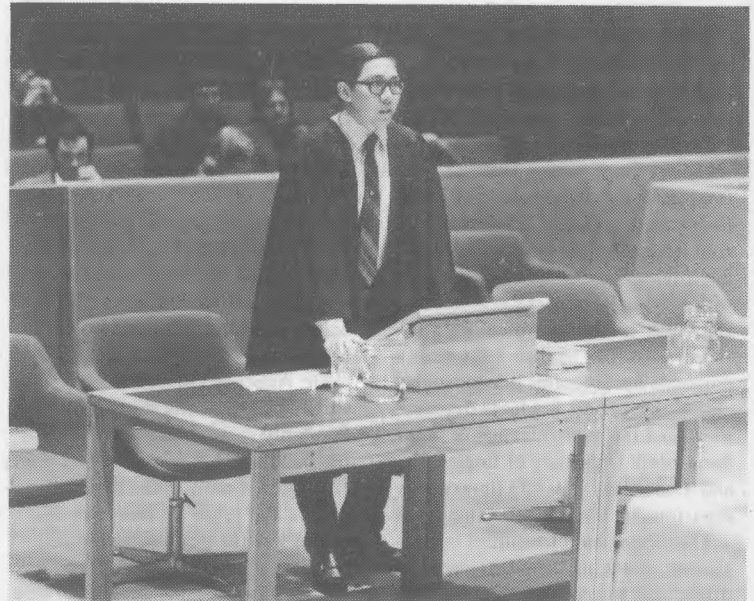
The Faculty of Law is hosting the Canadian final of one of the world's most prestigious moot court competitions. The Philip C. Jessup International Law Moot Court Competition, Canadian Region, will be conducted in Edmonton for the first time in the 20 years that the competition has been held in Canada.

From 21 to 23 February, students from 18 Canadian schools will prepare, present and argue written and oral argument in both official languages on a topical international law problem. The hypothetical problem selected for the competition is often a reflection of current international issues. This year's problem concerns an action brought by one state against another for the bombing of that state's nuclear reactor which has the capability of manufacturing nuclear weapons. It is similar in nature to the issue presented by the Israeli bombing of an Iraqi nuclear reactor in 1982.

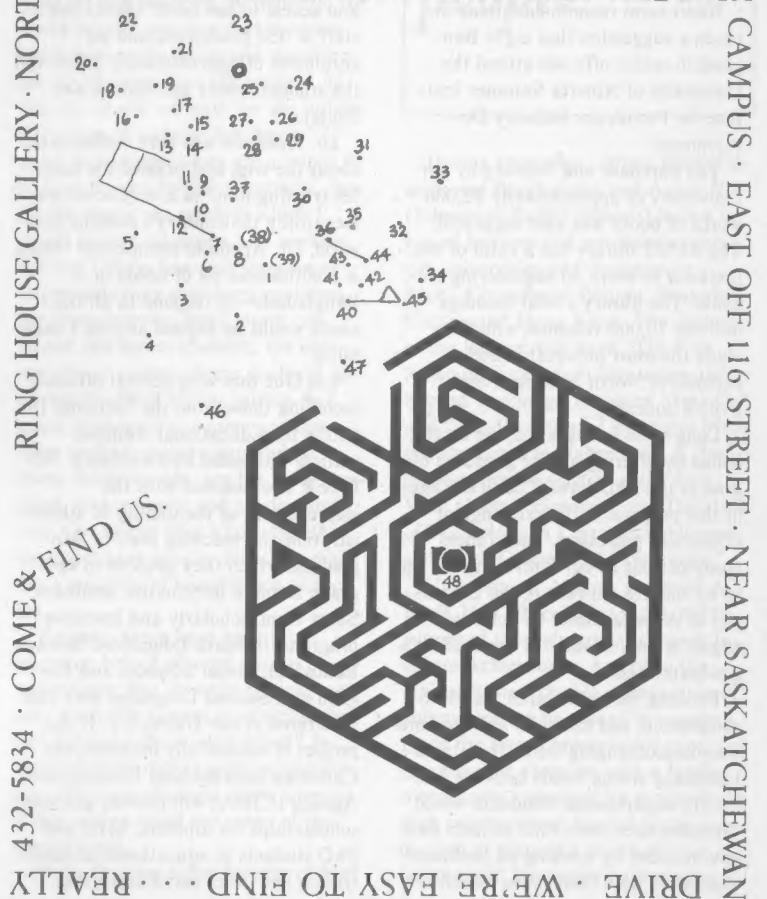
The Jessup Moot is sponsored by the American Society of International Law and the Association of Student International Law Societies as an annual international event involving students, judges and practitioners from more than 20 nations. The winners of regional competitions will compete in finals to be held in Washington, D.C. in April. Canada has fared well in past competitions, winning the international final on three occasions.

The competition on our campus has attracted more than 75 outstanding law students and 50 judges. Judges have been drawn from across Canada and include leading international law teachers, representatives of the Federal Departments of External Relations and Justice, distinguished members of the Canadian judiciary, including the Chief Justice of Newfoundland and New Brunswick, and members of the Superior Courts in a number of provinces.

The moot competitions will commence at 9 a.m. Friday, 22 February, and continue until 7 p.m. each day. The public is welcome to attend the competitions in the Law Centre, corner of 89 Avenue and 111 Street. □



WEST CORNER OF UNIVERSITY OF ALBERTA



University Officials Examine Feasibility of Linkage With Bangladesh

The greatest proportion of Canada's external aid is earmarked for Bangladesh. It is a very poor country, with an average annual income of \$100 per person. Academic affiliations are currently non-existent, and that's where the University of Alberta comes in.

George Ford, Acting Dean of Engineering, Peter Apedaile of Rural Economy, Les Gue of Educational Administration and Robin Coutts of the International Briefing Centre met with various Bangladesh officials in December to discuss mutual fields of cooperation. Out of their talks came proposals for programs in educational exchange and post-graduate degree work, and the modernization of the Bangladesh University of Engineering and Technology (BUET) library and departmental labs, just to name a few.

The assessment of facilities in Bangladesh, including their Petroleum Institute, and the operating arm of their natural gas industry, Petrobangla, was part of Dr. Ford's agenda.

Short-term recommendations include a suggestion that eight Bangladesh senior officials attend the University of Alberta Summer Institute for Petroleum Industry Development.

The purchase and delivery by our University of approximately \$2,000 worth of books was also suggested. The BUET library has a ratio of one textbook to every 10 engineering students. The library's total holdings number 70,000 volumes, which include the most important (and expensive) North American and British Journals.

Long-term linkages may be established by offering a joint graduate degree at the PhD level. The first stage of this proposal is the exchange of University professors, and student study periods at our University for up to six months. In return, the University of Alberta would be acknowledged in the foreword of the student's graduate thesis.

Pending the approval of travel arrangements and financial aid, students may be exchanging visits, thereby establishing strong bonds between University departments. Students would therefore earn their PhD in their own environment by working on problems associated with their home country.

Equipment—its acquisition and maintenance—may be a problem because of the lack of proper storage conditions and technicians to keep them serviceable. Dr. Ford suggests the renovation of laboratories and donation of funds for the equipment which will be brought in when storage conditions are improved. In purchasing the equipment, the involvement of the University of Alberta will be limited to a review of their prospective acquisitions list to ensure that money designated in this area is well spent.

Dr. Apedaile visited Bangladesh in early December, and investigated the feasibility of establishing a link with the Bangladesh Agriculture University (BAU), especially in the areas of agriculture and research. One item discussed was the possibility of a joint program at the PhD level. "They do not want an exchange program," said Dr. Apedaile. "The University of Alberta would offer support, supervision, and access to our labs." (BAU has a staff of 350 professors, and an enrolment of approximately 3,500. All the students study agriculture and fisheries.)

Dr. Apedaile was very enthusiastic about the trip, and praised his hosts for treating him "in a very royal way." Regarding the country's current situation, Dr. Apedaile commented "there is a bottomless pit of needs in Bangladesh—to respond to all their needs would be beyond anyone's capability."

Les Gue met with several officials, including those from the National Institute for Educational Administration, Extension and Research. NIEAER is concerned with the improvement of the quality of administration and teaching staff in Bangladesh, which they propose to upgrade through informative seminars. Short-term, scholarly and intensive programs in Math Education, Science Education, Social Sciences and English as a Second Language may also be offered at our University. If the project is successfully initiated, the Canadian International Development Agency (CIDA) will provide graduate scholarships for diploma, MEd and PhD students in educational administration and other certificate areas.

Dr. Gue also met with members of the Bangladesh Rural Advancement Committee (BRAC), who are trying to improve academic conditions in rural areas. BRAC has requested that the University of Alberta provide consultants who will develop case materials in management studies on the Bangladesh people. Our University will also provide courses to Bangladesh consultants.

Travel arrangements, briefing sessions and the general welfare of the Canadian "team" were the responsibility of Robin Coutts, who described the trip as "an interesting and positive experience for all of us. We're looking forward to the possibility of the University of Alberta's involvement with institutions in Bangladesh," he concluded. □

University of Alberta International Development Register

The President's Advisory Committee on International Development invites faculty and staff with experience/interest in international development to lend their expertise to the Register.

A publicly available data bank, the Register lists about 400 individuals at Alberta universities who have lived and worked for three months or more in countries other than Canada, the United States, and those of Western Europe. Each person listed is asked to update his or her section on an annual basis.

Other faculty and staff with similar interests and concerns can be consulted readily. Referrals to people listed in the Register allow Alberta universities to respond quickly and effectively to enquiries about international development.

You can search Register data by signing on to your MTS account and entering the command \$LIST PCI3:DINT.DOC. To run the program, simply enter \$RUN PCI3:DINT

For further information or to join the Register, contact:



International Development Register
3-20 University Hall
University of Alberta
Telephone 432-5660

Applied Aquatic Workshop a First

The first workshop on applied aquatic environmental studies in Alberta will be held on campus 19 and 20 February. The workshop, sponsored by Alberta Environment, the Boreal Institute for Northern Studies, the Limnology and Fisheries Discussion Group, and the Fish and Wildlife Division of Alberta Energy and Natural Resources, will be conducted in the Map Room at Lister Hall.

The workshop's themes are "Fisheries Biology" (19 February) and "Water Quality" (20 February).

Workshop organizers Bill Mackay and Ellie Prepas, Department of Zoology, view the workshop as a "meeting of the minds." Research scientists



from this University as well as representatives of government and various agencies will be present. In fact, all Alberta aquatic biologists are invited to register and contribute papers.

J.G. Kaplan, Vice-President (Research) and R.S. Weaver, Alberta Environmental Centre, Vegreville, will open the workshop. Speakers include R. Newbury, Freshwater Institute, and J. Shapiro, Limnological Research Center, Minneapolis. There will be a panel discussion each morning and contributed papers will be heard each afternoon.

The nominal registration fee includes refreshments and a cold buffet. Registrations will be accepted at Lister Hall from 7 to 9 p.m. 18 February and for a brief period on the morning of the 19th.□

Planning for Retirement? PSSR Can Help

A pre-retirement seminar for academic staff will be held 15 and 16 March at Lister Hall.

The seminar is designed to assist employees in planning for retirement. Guest speakers include: Thelma Scambler, Pre-Retirement Counsellor, Brian McDonald, Associate Vice-President (Academic Administration), Barbara Satterlee, Pensions Administrator, Brent Buchanan, chartered accountant, David Manning, lawyer, John Peto, physician, and Art Burgess, Fitness Coordinator. In addition, former University of Alberta staff and their spouses will participate in a panel discussion and share personal retirement experiences.

There is a registration fee of \$30 per person. The seminar includes Friday dinner and Saturday lunch, all refreshment breaks and reference materials. Spouses are invited and are encouraged to attend. Employees over age 55 will have priority but others will be considered if space permits.

Registration forms are available through Brenda MacKenzie, Personnel Services and Staff Relations, 2-40 Assiniboia Hall, 432-5203. Enrolment is on a first-come-first-served basis with a registration deadline of 1 March.□

Letters

Board Election Trail Could Benefit From More Signage

■ The very perceptive letter from Ralph Nursall (*Folio*, 31 January) concerning the number of deans running for the Board of Governors should lead many of us to think more carefully about the faculty position on the board. When the faculty representatives are few, it is more important that we understand the views held by those who have been nominated. If the nominations were made well in advance of the election, and if the AAS:UA made a formal request that each candidate state his or her views in *Folio*, we would be better prepared to vote. In fact, an open meeting where candidates can be questioned on their ideas would be appropriate.

Since my petition for nomination to the Board of Governors was too late this year, I thought I would begin my campaign now for the next vacancy.

Hopefully, my friends will help me watch the deadlines. In addition, if the election proceeds with the haste that it did this year, I will not have time to get my program before the electorate. Therefore, I will offer part of my platform now.

1) Over the past 10 years the costs of administration have risen more rapidly than costs of teaching. While these services benefit the university, some talented scholars are removed from teaching and research to perform these functions. Assuming that teaching and research are seen as the primary task of the university, one would expect to see other areas expand less during periods of restraint.

In addition, this leads to poor relations between rank and file academics and administrators. The Board of Governors, representing community leaders, may understandably view the reward system for university administrators as they would for managers in industry. If instead we view the university as a community of scholars, providing exceptional rewards and "perks" for administration may convey the message to academics that this is the direction for success rather than in research and teaching. In industry, the world usually assumes that the managers have more talent and therefore are worth more than the workers. Is that the model we want for the university? Even if some of the "perks" given to administrators are a minor financial burden for the university, they can be important symbols which divide us into managers and workers. Raising tuition fees and entrance requirements may ease some problems for the university, but I'm not convinced this serves students, the community, or society. Some students can obviously afford higher tuition, but many of those who cannot are those more hesitant to take out student loans. Students who are the most marginal, economically and academically, may also be the ones who suffer the most and have greater difficulty making a meaningful contribution to society.

Recently there have been arguments on behalf of more elitism in universities. But does the student with only moderate talents need university any less than those more gifted? In some respects these people need training even more than the more talented if they are to avoid the ranks of the unemployed.

If the forecast is for decades of high

unemployment, perhaps we clearly need an expansion of both community colleges and universities. Can we learn skills in these institutions which not only make us more employable but also more creative and flexible if we are going to be underemployed?

Perhaps I will have more planks for my platform when the next opening occurs for the Board of Governors.

*Jim Hackler,
Professor of Sociology*

Mayday Repeat Mayday

■ On the east side of the Physical Education Centre is a sign that reads:

"PARALELL PARKING"

Where, oh where, is the Writing Competence Committee when we need it?

*J.C. Russell,
Professor of Surgery*

people

During December, Bruce Bain (Educational Psychology) and Agnes Yu (Edmonton Public Schools) held a series of lectures and seminars at various universities and institutes in Seoul, Chuncheon, Beijing, Shanghai, Canton and Hong Kong. The themes of the lecture tour were "The Evolution of Curriculum Strategies and Second Language Teaching Methods" and "The Evolution of Heuristic Models: Descartes to Habermas." A final presentation was made at the East-West Centre, Honolulu, on "The state of Psychology in China as Evidenced at the 5th Congress of Psychology."

University of Alberta graduate Allan S. Hay (BSc, MSc) is the 1984 winner of the Industrial Research Institute Achievement Award in the United States. Dr. Hay's invention of polymerization by oxidative coupling, reads the award presentation program, has provided chemists with a fundamental new technique for synthesizing high polymers and has led to the production of materials which offer a lightweight, inexpensive alternative to

metal alloys in a host of applications. Dr. Hay has been with General Electric's research staff at Schenectady, New York, since 1955.

The Alberta Cabinet has appointed *G.S.H. Lock* (Mechanical Engineering) as Chairman of the Province's Manpower Advisory Council, a senior body reporting directly to the Hon. E. Isley on all matters concerning manpower development in Alberta.

Peter Meekison, (Vice-President (Academic)) and *Allan Warrack*, (Associate Dean of Business) were among the 500 people who attended the 50th anniversary celebrations of the Delta Upsilon Fraternity 18, 19, and 20 January. Of a possible 850 alumni members, 280 attended, including nine of the founding members. The fraternity was first housed in Rutherford House, and is now located at 11020 86 Avenue.

John King-Farlow (Philosophy) has been appointed a consulting editor of *Philosophical Inquiry* (New York and Athens).

M. Siddiq Noorzooy (Economics) spent the Fall Session of 1984 as a Visiting Scholar at Stanford University at the invitation of the Hoover Institution. His research included a broad study of the pre- and post-Soviet invasion economic conditions in Afghanistan; and trade-related productivity changes in a cross-section of 100 U.S. manufacturing industries. Dr. Noorzooy presented a paper entitled "The Failure of the Soviet Economic Strategy in Afghanistan" at the joint meetings of the Middle East Economic Association and Allied Social Sciences, Dallas, 28 to 30 December.

Carl Urion (Native Affairs) taught a short course in conversation analysis at the Sixth International Institute for Semiotic and Structural Studies at the Central Institute of Indian Languages in Mysore, India, 2 to 12 January. He then conducted a five-day seminar/workshop for education researchers in cross-cultural attitude research, at Tilak College of Education, Pune, India, 5 to 20 January.

The Hon. David Russell, Minister of Hospitals and Medical Care, has accepted the recommendation of our University's Board of Governors that *Myer Horowitz* (President) be reappointed to the Board of Trustees of the Alberta Heritage Foundation for Medical Research.

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publications

Collinson, Helen F. (University Collections): "Lars Haukaness, Artist and Instructor." In *Alberta History*, Volume 32, Number 4 (1984): pp. 11-20.

Watters, J. (Faculté Saint-Jean): "Importance du rôle du tuteur en formation à distance. Cahiers d'éducation à distance." *Cahiers d'éducation à distance*. Editor Cantin, G. and Roliveault, P. Montréal: La Librairie de l'Université de Montréal, Volume 3 (1984): pp. 6-31.

Kirman, J.M. (Elementary Education) and Goldberg, J. (Educational Psychology): "A Landsat Color 1 In-service Training Program For Elementary School Teachers and the Mass Testing of Their 718 Pupils." *Canadian Journal of Remote Sensing*. 10 (1984): pp. 143-148.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Art and Design

14 February, 5 p.m. Victor Chan, "Inspiration, Influence, Invention and Imitation: Some Observations on Goya's Iconographic Enigmas." 2-20 Fine Arts Building.

Boreal Institute

15 February, noon. Mitchell Taylor, Department of Fisheries and Wildlife, Michigan State University, "Population Status of North American Polar Bears." M-137 Biological Sciences Building.

Club IDC

15 February, 3 p.m. Kay Dier, "Primary Health Care in Malawi." 4-110C Education Building.

Comparative Literature

15 February, 3:15 p.m. Peter Schubert, "Effects of Literary Criticism: The Czech Example." Senate Chamber, Arts Building.

Faculté Saint-Jean

Les 15 février de 19h30 à 21h00 et le 16 février de 09h00 à 16h00. Séminaire de formation des professeurs de langue seconde par Mme Camille Cousineau, salle 028, Faculté Saint-Jean, 8406 91e rue (468-1254).

Les 22 février de 19h00 à 22h00 et 23 février de 09h00 à 16h00. Séminaire "Sur la théorie et les techniques du lobbying public" par M. Clinton Archibald, politologue, Université d'Ottawa. Salle 150, Faculté Saint-Jean, 8406 91e rue (468-1254).

Les 22 février de 13h00 à 22h00 et 23 février de 09h00 à 16h30. Séminaire "Le Français dans le Secrétariat" par Mme Monique Rinfret, salle 030, Faculté Saint-Jean, 8406 91e rue (468-1254).

Medicine

18 February, 8 a.m. W.R. Castor and A. Lees, "Breast Cancer Screening in Canada: Diagnosis and Localization of Non-palpable Breast Lesions." 2-115 Clinical Sciences Building.

19 February, 8 a.m. Gunnar Stickler, Mayo Clinic, "The Self-Appointed Critic of Paediatrics and/or All the Things I Hate About Paediatrics." 2-115 Clinical Sciences Building.

20 February, 8 a.m. C. Kappagoda, "Endothelial Properties and Experimental Atherosclerosis." 6-103 Clinical Sciences Building.

Extension

19 February, 9 a.m. Gerry Gall, "Egalitarianism and the Law." For further information, call 432-5052.

Economics of Environmental Protection

19 and 20 February, 9 a.m. The Alberta Chapter of the Canadian Society of Environmental Biologists' symposium on the relationship between economics and the environment. Keynote speaker: Garrett Hardin, scientist and author of *The Tragedy of the Commons*. Other speakers from Canada and the U.S. For information, contact Brian Free, 427-5792. Special student rates. Banquet Room, Lister Hall.

Independent Schools

21 February, 7 p.m. Howard Dixon, Head, Queen Margaret's, Duncan, B.C., "North America Shifts Towards Independent Schools." To attend, advise B. Day, 425-4180 or 432-1950, before 18 February. Faculty Club.

Canadian Institute of Ukrainian Studies

22 February, 7:30 p.m. Vivian Olender, Neporany Post-doctoral Fellow, "Presbyterian Home Missions to Ukrainians as Agencies of Assimilation, 1900-1925." 265 CAB.

Law

23 February, 9:30 a.m. Saturday Morning at the Law School presents a free public legal education seminar on "Dependent Adults." 237 Law Centre.

Anatomy

26 February, 4 p.m. Allan Dingle, McMaster University, "How Do Cells Size and Count Organelles." 6-28 Medical Sciences Building.

28 February, 11 a.m. Dr. Dingle, "Flagellar Rootlets: A New Form of Cell Contractility." Both lectures are sponsored by the Alberta Heritage Foundation for Medical Research. 5-12 Medical Sciences Building.

Department of Music

All events take place in Convocation Hall.

14 February, 8 p.m. Senior Student Recital—Elizabeth Raycroft, mezzo-soprano.

16 February, 8 p.m. A Faculty Recital—Diane Nelsen, soprano, Ronald Nelsen, baritone, and Alexandra Munn, piano.

Edmonton Youth Orchestra

17 February, 3 p.m. Orchestra II conducted by Michael Massey. Convocation Hall.

Exhibitions

Ring House Gallery

Until 24 February: "Tetsuya Noda." An exhibition of Japanese prints.

Until 3 March: "Stone of Matera." A photographic study by Augusto Viggiano of an ancient dwelling site in Italy.

Films

Germanic Languages

27 February, 7:30 p.m. "Der König und sein Narr" (1981). Arts 17.

Radio and Television

Radio

All programs broadcast on CKUA radio 580 AM and 94.9 FM.

16 February, 7 p.m. "University Concert Hall."

Television

All programs broadcast on Shaw-22 and QCTV-19.

20 February, 7:30 p.m. "Canada, The World and The Future: Why Do Children Have to Die?" David Roy, Director, Centre for Bioethics, Clinical Research Institute of Montreal.

20 February, 8 p.m. "Vital Signs—Children: Our Future." A look at the issues and facts concerning the household accidents, child immunization, and the effects of alcohol, smoking and drugs on the unborn fetus.

Sports

Hockey

15 and 16 February, 7:30 p.m. Golden Bears vs. Calgary Dinosaurs. Varsity Arena.

Volleyball

15 February, 6:30 and 8 p.m. Pandas and Golden Bears vs. University of Calgary. Varsity Gym.

16 February, 6:30 and 8 p.m. Pandas and Golden Bears vs. University of Lethbridge. Varsity Gym.

Matters of Faith

Catholic Campus Ministry

St. Joseph's College Mass Time, September to April. Monday, Wednesday, Friday - 7:30 a.m., 12:10 and 4:30 p.m.; Tuesday, Thursday - 7:30 a.m., 12:30 and 4:30 p.m.; Saturday, 4:30 p.m.; Sunday - 9:30 and 11 a.m., 4 and 8 p.m.

6, 13, 20 March, 7:30 p.m. Shirleyan Threndyle, The Catholic and the Bible—"Introduction to Sacred Scripture." St. Joseph's College.

Ashes to Easter—shared prayer and faith discussion, Tuesdays (26 February to 26 March) or

Thursdays (28 February to 28 March), 7 to 9 p.m.
St. Joseph's College, Faculty Lounge. Call Marcia,
433-2275, to register.

Anglican - United Chaplaincy

Bible Study on Gospel of John—Tuesday noon;
Anglican Eucharist—Thursday noon. Both events
Meditation Room, 158A SUB.

Lutheran Campus Ministry

Sunday Worship with Eucharist - 10:30 a.m., Med-
itation Room.
Thursday Evening Worship - 7:30 p.m., Lutheran
Student Centre, 11122 86 Avenue.
Noon Hour Bible Study - Wednesdays at noon,
Meditation Room.

Faith Share

Mondays, 7 to 9 p.m. Group singing, sharing,
teachings and discussions. All welcome. Contact
Kim, 436-6346, or Curt, 433-9377, for further in-
formation. St. Joseph's Chapel.

Theatre

SUB Theatre

Music

20 to 23 February, 7:30 p.m. The Edmonton Cath-
olic Schools present "The Sound of Music." Tickets
available at all high schools, the Administration
Centre and St. Anthony Teachers Centre.

Films

15 February, 8 p.m. "Against All Odds" (1984).
16 February, 8 p.m. "The Woman in Red" (1984).
27 February, noon. "The Joy of Bach." Sponsored
by the Students' Union and the Chaplains Associ-
ation. Free admission.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)
AJ510 Operation and Visual Editing (Prerequisite)
MTS Overview (Prerequisite)

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)
Advanced SPIRES

Graphics

Integrated Graphics Overview (IG)

Statistics

Data Preparation for Statistical Packages (Prereq-
uisite)
Introduction to SPSSx
SPSSx Conversion
Introduction to BMDP
Introduction to MIDAS
Introduction to MINITAB
Introduction to TROLL

Microcomputers

Introduction to the IBM PC
Introduction to the Personal Editor

Introduction to MultiMate
Advanced MultiMate

The above courses are offered regularly through
the day with limited evening selections. Regis-
tration will be taken over the phone for all courses
except evening courses. These may be made in per-
son at 352 General Services Building, or by mail.
Payment must accompany registration for all eve-
ning courses. Please make cheques payable to the
University of Alberta.

Waiting List Courses

The following courses are only offered when a suf-
ficient number of people express an interest.
Advanced Text Formatting
Courier Operation and Visual Editing
Introduction to Plotting
Introduction to Programming
Introduction to Typesetting
Introduction to APL
Introduction to the Array Processor
Introduction to APAL
Introduction to Clustan
Introduction to TSP
Introduction to Osiris
Introduction to Tell-A-Graf
For more information on any of the courses listed
above, telephone the Training Coordinator,
432-2511, between 8 a.m. and 4 p.m. weekdays.

Faculty of Extension

Certificate Programmes

For further information on the programmes listed
below, telephone 432-5545 or 432-3027 between
8:30 a.m. and 4:30 p.m., Monday to Friday.
Management Development
Personnel Administration
Computers and Business Data Processing
Industrial Security Management
Purchasing Management Development
Applied Land Use Planning Certificate Pro-
gramme
Public Administration Certificate (432-5052)

Citation Programme

For further information on the following pro-
grammes, telephone the number listed behind the
course.
Executive Development Programme for Women
(432-5545 or 432-3027)
Supervisory Development Programme (432-5066)

Land Use Planning Studies

For further information on the courses listed below,
telephone 432-2912.
Regional Planning
Plans and Processes
Survey and Analysis (Field Trip)

Industrial Courses

For further information on the courses listed below,
telephone 432-2912.
Corrosion Control in Steam Systems
Maintenance Management

PLATO Learning Centre

'Computer-Taught' courses can be taken any time
at your convenience. For further information on
this unique way of learning, telephone 432-2444.
Introduction—Keyboarding, Word Processing
Excellence in Administrative Assistant/Secretarial
Work
Introduction—Computers, Data Processing
Introduction to Programming—BASIC, PASCAL,
FORTRAN
Time—Resource, Financial or Planning Manage-
ment

Business and Professional

For further information on the courses listed below,
call 432-5066. (University employees are eligible
for a 25% discount on the following courses/
seminars.)
Assertive Management for Women
Office Automation: Where It's At and Where It's
Going
Management of Personal Finances: An Investment
Strategies Approach
Effective Speaking for Business and Professional
People
Personnel Skills: An Overview

Real Estate

For further information on the Winter/Spring
course offerings, telephone 432-5060.
Practical Apartment Caretaking
Home Renovation and Refurbishing
Real Estate in Distress
Property Management for Apartment Caretakers

Occupational Safety

For further information on the courses listed below,
telephone 432-3037 or 432-5038.
Explosions
Management of Safety

Applied Behavioral Sciences Division

For further information on the courses listed below,
telephone 432-5069.
Assertion and Interpersonal Skills Training
Adventures in Attitudes
Effective Communication and Helping Skills for
Volunteers Working with Adults
Introduction to Supervision
Coping With Loss

Faculté Saint-Jean

For further information on the programmes listed
below, telephone 468-1254, ext. 260 between 8:30
a.m. and 4:30 p.m., Monday to Friday.
Appréciation du théâtre
Automobile—Ce Mystère
Auto—défense
Camp Jeunesse (Ordinateur et ses mystères)
Communication orale
Dessin pour débutants
Enseigner aux surdoués
Français pour Francophones 1
Initiation à la communication écrite et orale
La pré-retraite
Le français dans le secrétariat
Parlons anglais (après-midi)
Parlons français (soir)
Personnalité et Relations Humaines "Qui suis-je?"
Séminaire de formation des professeurs de langue
seconde
Séminaire "Atelier sur la Théorie et les techniques
du lobbying public"
Tenue de livres
Utiliser un ordinateur sans programmer

Courses for Anglophones

French for Professionals
One-Day Intensive French Courses
Parlons français (afternoon)
Parlons français (evening)

Devonian Botanic Garden

For a detailed brochure and registration form, call
987-3054.
An Introduction to Grafting and Budding I
An Introduction to Grafting and Budding II
Wheat Weaving
Cattail Coil, Grasses and Reeds Basketry
Ski the DBG II

Notices

Campus Reviews

As part of the process of carrying out systematic
reviews under the guidance of the President's Advi-
sory Committee on Campus Reviews (PACCR),
the *Department of Athletic Services* is completing
the self-study phase of the review process. The
other major phase of the process is the site visit
and assessment by the Unit Review Committee. In
preparation for this second phase, PACCR invites
written comment prior to 30 March 1985.

Submissions are for the use of the Unit Review
Committee and will be held in confidence by the
members of that committee. Submissions should be
sent to: Mrs. L. Pearson, PACCR Office, W4-13
Chemistry Building, Attention: The Athletic Serv-
ices Unit Review Committee.

Selection Committee, Chairman of Psychology, Welcomes Input

The Chairman Selection Committee, Department
of Psychology, is now holding its meetings. Those
interested in contributing to the deliberations are
asked to do so by writing to S. Qureshi, Associate
Dean, Faculty of Arts.

Faculty Bonspiel

The Annual University of Alberta Bonspiel hosted
by the Faculty Curling Club will be held 23 and 24
March at the Derrick Curling Club, 3500 119
Street. There will be prizes in all three events; the
entry fee is \$60 per team.

Staff and students are invited to curl. To regis-
ter, write to Greg Morrison, Department of Anat-
omy, or call Greg or Al at 432-3739.

New Booking System for Tennis Courts

Tennis buffs interested in booking courts in the Pa-
vilion will be interested in the following changes in
procedures.

User card holders may only book tennis courts
Monday of each week between 7:15 and 11 a.m.
for courts on Tuesday, Wednesday, Thursday and
Friday of that week and Monday of the following
week. Courts may be reserved for: Monday,
Wednesday, Friday (7 to 7:45 a.m.); Tuesday,
Thursday (7 to 11 a.m.).

Regulations governing booking courts are: only
two courts per person per week may be reserved;
names and user cards must be presented; players
must have their user cards with them in the play-
ing area; and players have up to 10 minutes after
the start of the hour to claim their booked court.
After this, the court is open to others on a first-
come, first-served basis and players who do not
have a court reserved should sign in on the "Tennis
Sign-In Board" located in the northeast corner of
the Pavilion, under the stairs.

Anyone wishing to play tennis at times other
than the reserved morning times may do so, with-
out reservations, but should sign in on the Tennis
Sign-In Board. Rules are posted beside the Board.

Surplus Equipment

*The equipment appearing in this column is avail-
able only to University Departments with Univer-
sity administered funds. For further information
about the purchase of equipment or the disposal of*

your department's surplus equipment, contact Jody Brookwell or Roy Bennett, 432-3208.

For Sale: (1) Compugraphic Compuwriter II Phototypesetter
(5) Width Plugs for above
(23) Film fonts for above (including Optima, Univers and Century)
For more information, telephone David Roles, Department of Art and Design, 432-5789.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Non-Academic Positions

A hiring freeze was put in place 21 November 1984. This affects all Non-Academic vacancies previously advertised with the exception of positions funded from Trust/Research accounts and temporary positions.

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 8 February 1985. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR

Positions available as of 8 February 1985.

Clerk Steno III (Part-Time/Trust) (\$647-\$813) Biochemistry
Office Services File Clerk (Term to 31 March 1985) (\$1,082-\$1,338) Registrar's Office
Clerk Typist III (\$1,294-\$1,625) Faculté Saint-Jean
Technician I (Trust/Term) (\$1,497-\$1,920) Medicine
Biology Technologist I (Trust) (\$1,697-\$2,182) Zoology
Biochemistry Technologist I (Trust) (\$1,697-\$2,182) Cancer Research Group
Technician II (Trust/Term) (\$1,697-\$2,182) Medicine
Laboratory Technologist I (\$1,842-\$2,378) Provincial Laboratory of Public Health
Electronics Technician III (Term to 31 March 1985) (\$2,003-\$2,596) Mineral Engineering

For vacant library positions, please contact the Library Personnel Office, Basement, Cameron Library, telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words

and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Accommodations available

Private sale - 7309 105A St. Attractive, three-bedroom bungalow. Hardwood floors. Fireplace. Brick patio. Landscaped garden. Appliances. New cedar shingles. Finished basement. Offers. 439-5318. Leave message.
Rent - By day or week. Mountain chalet, just outside Jasper Park gate. Fully furnished. Ideal for up to six persons. Reasonable. 435-6504.
Sale - Luxury, one or two-bedroom condominiums. Riverbend and University area. Super amenities: pool, saunas, parking, etc. Pat von Borstel, 437-6540, 436-5250. Spencer's.

Share - Luxurious, furnished townhouse, with easygoing, responsible person. \$300. 436-2950.

For sale - Fairmont Hot Springs Villa, week 36 (early September). \$7,500. Phone 461-2071.
Rent - Park Towers, 9908 114 St. Stunning view, all amenities, best location. \$600. 488-7591 or 482-2010.

Sale - Just listed, Windsor Park, \$89,500, one-bedroom bungalow. Two bedrooms in basement. Newer, double garage. 55x150' lot. Call John Templeton, Re/Max Real Estate. 438-1575.

Rent - Three-bedroom apartment, 1,200 sq. ft. Two full baths, two balconies, excellent bus service. Bonnie Doon. 465-2394.

Sale - Lendrum. University Farm. Quiet location. Bungalow, contemporary interior, fireplace, attached greenhouse, garden spot, double garage. Easy access to University and Hospital. New listing. Pat von Borstel, 437-6540, 436-5250. Spencer's.

Wanted. Individuals with psoriasis who are willing to participate in research involving traditional Indian herbal treatment. Project conducted under medical supervision. Good chance of positive results. Call Dr. D. Young, 432-5899 (10:30 Mon-Wed) or 987-4977 (evenings).

The Faculty of Dentistry's Division of Continuing Education is pleased to present the following lecture which is sponsored by the Canadian Fund for Dental Education.

The Intellectual and Moral Marks of the Professional

by

William May, Ph.D.

Joseph P. Kennedy Professor of Ethics
Georgetown University
Washington, D.C., U.S.A.

Time; 7:00 P.M. March 13th, 1985

Place: Bernard Snell Hall,
Walter Mackenzie Health Sciences Centre

For free tickets, please contact Dr. Alex Bene or Ms. Debbie Michalchuk at 432-5023.

Dr. May graduated from Princeton University in 1943 and received his Bachelor of Divinity degree (B.D.) *magna cum laude* (1952) and Ph.D. (1962) degrees from Yale University. Professor May served as the founding chairman of the Department of Religious Studies at Indiana University and as chairman of the Religion Department at Smith College, Northampton, Massachusetts. He has published essays on religion, politics and biomedical ethics and is author of *A Catalogue of Sins* (Holt, Rinehart and Winston) and a monograph on *Professional Ethics: Setting, Teacher and Terrain*. Recently he served as an author and consultant to a National Science Foundation project on the "Ethics of Field Research in Anthropology and Sociology". Dr. May received a Guggenheim Fellowship (1978-79) to work on the public obligation of the professional. Westminster Press published his book, *The Physicians Covenant: Images of the Healer in Medical Ethics* in November 1983.

French Courses being offered to the French-speakers and Francophile

- A) **Seminar on Lobbying**
February 22, 23, 1985
- B) **Business French for Secretaries**
February 22, 23, 1985
- C) **Dealing with the Gifted** (a special seminar for teachers)
March 13, 14, 15, 1985 (all day)
- D) **Advanced Grammar** (credit course)
From May 6 to June 14, 1985
Every Tuesday and Wednesday (evening)
by teleconference
- D) **Introduction to French Literature for Children** (credit course)
From May 6 to June 14, 1985
Every Tuesday and Thursday (evening)

For more information,

call or write:
Centre de l'éducation permanente
Faculté Saint-Jean
8406 - 91 Street
Edmonton, Alberta
T6G 4G9
Telephone: 468-1254, Ext.: 246

Accommodations wanted

If you need a dependable person to house-sit for you during your study leave, phone Jim Choles, 427-7044 (days), 433-0855 (evenings).

Automobiles and others

Moving, must sell second car. Single owner, two door, 1978 Nova, 65,000 km. Available 15 March. \$3,200/offers. 432-6242 weekdays.

Goods for sale

Paintings, other art: Gissing, Murray MacDonald, other Canadian artists; Japanese stencils; Chinese embroideries. Phone 433-2932.
Ski rack for vans, roof mounted, lowers to side for

easy loading. Locks. \$175. Phone 465-2861 after 5 p.m.

Used, 13 cu. ft., frost-free Kenmore refrigerator. Almond. Excellent condition. New \$730, now \$450. Day 432-2826, evening 439-2210

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Singing teacher, Eileen Turner, 439-4661.

Quaker worship, Sundays, 11 a.m. Soroptimist Room, YWCA. 100 Ave. 103 St.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Word Processing, reasonable rates, near Bonnie Doon. Call Hanna at 469-7214.

Alcoholics Anonymous meets on campus. For information call, 482-6783, 10 a.m. to 4 p.m.

Experienced professional typist. Work proofread. Joan, 468-1275 after 4:45 p.m.

Ecole Grandin offers Catholic education and strong French immersion program with academic emphasis, in downtown area. Also: Pre- and after-school care, French immersion pre-kindergarten. Close to University. 482-3676.

MTS Textformatted typing in all sciences (formulas) and medicine. For humanities and literature

in: English, French, German, Italian, Spanish, Latin and Greek. Gabriella, 432-4144.

Club IDC presents Cultural Show (featuring Arab, Eritrean, Greek Dance Group) and dance (D.J. Dynamics II) on 15 February, Friday, 8 p.m. in 4th floor lounge, Education North. Tickets \$3, cash bar.

Professional seamstress and tailors. Made to order garments. General alterations. 469-6292, consultant Phil.

French for Professionals ... The Only Way to Learn French! ...

Intensive Sessions

Dates: A) May 6 to 24, 1985
B) July 9 to 26, 1985
C) August 6 to 25, 1985

**For more information,
call or write:**

Centre de l'éducation permanente
Faculté Saint-Jean
8406 - 91 Street
Edmonton, Alberta
T6G 4G9
Telephone: 468-1254, Ext.: 246

COLD SORES!

Do you suffer from frequent recurring cold sores?
Would you like to participate in a CONFIDENTIAL, controlled study by a University of Alberta research team investigating a promising anti-viral medication?

**For more information,
call Sheri or Joanne
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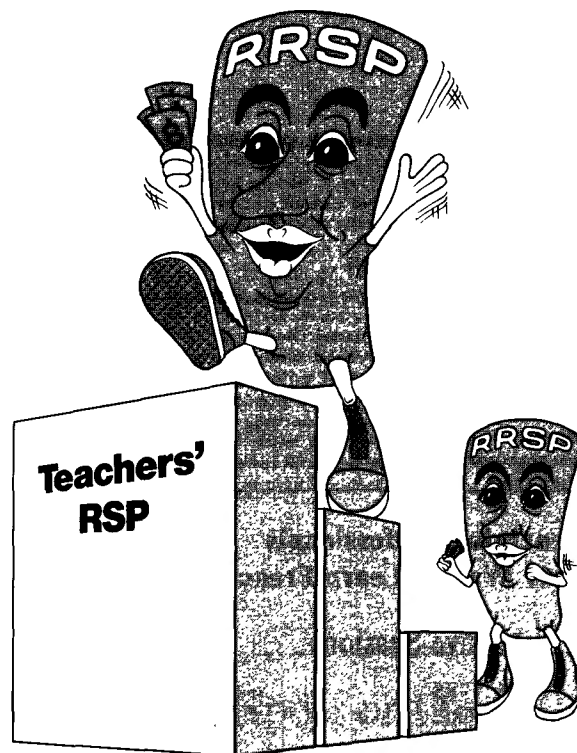
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